



DIV 08/981,654 01/8/98  
PCT JP97/01564 05/09/97

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Yasushi KANEKO et al.**

Group Art Unit: 2871

Serial No.: **09/887,092**

Examiner: **Dung T. Nguyen**

Filed: **June 25, 2001**

P.T.O. Confirmation No.: **8588**

For: **LIQUID CRYSTAL SHUTTER AND METHOD OF DRIVING THE SAME**

**RESPONSE UNDER 37 C.F.R. §1.116**  
**- EXPEDITED RESPONSE -**  
**GROUP ART UNIT 2871**

*DO NOT ENTER  
03/12/03 DN*  
**BOX AF**  
Commissioner for Patents  
Washington, D.C. 20231

*RECEIVED  
MARCH 11 2003  
TECHNOLOGY CENTER 2800  
March 11 2003*

Sir:

In response to the Office Action dated October 7, 2002, the response due date having been extended to March 7, 2003 by a two-month Extension of Time, Applicants amend the above-identified application as follows:

**IN THE CLAIMS:**

**Please amend claims 19, 23 and 24 as follows:**

19. (Amended) A method of driving a liquid crystal shutter, comprising the steps of:  
providing a liquid crystal shutter including a nematic liquid crystal having a twisted angle equal to or greater than 180° sandwiched between a pair of substrates, and pixels;  
setting a scan term during which said pixels are rendered opened or closed such that said scan term is shorter than a holding time during which said liquid crystal shutter keeps a maximum transmittance; and